

1 Optimal Control of Pitch/Travel with Feedback (LQ)

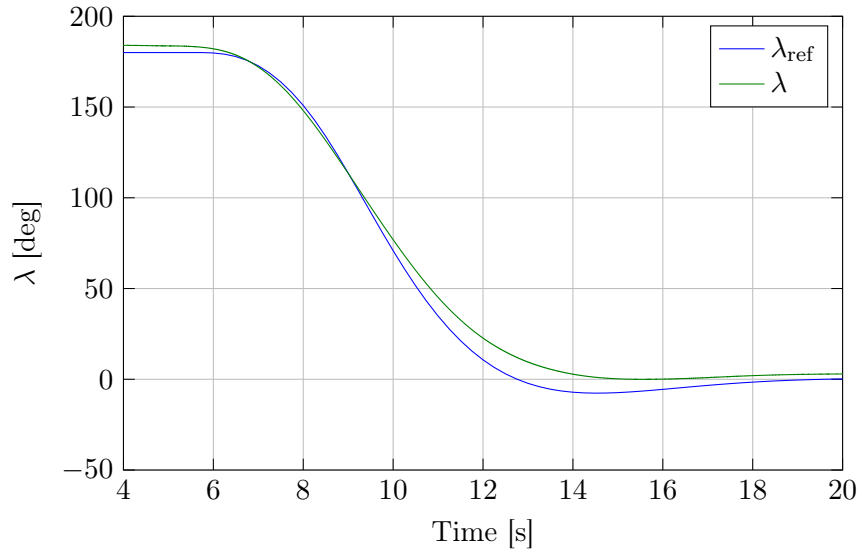


Figure 1: Travel, λ and Optimal reference $Q = \text{diag}[50,0,0,0]$

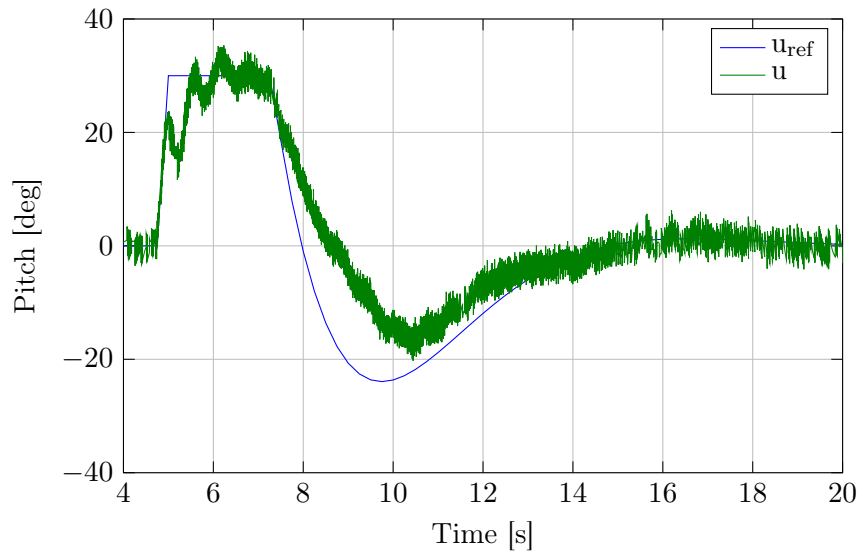


Figure 2: U , p_{ref} and Optimal U , $Q = \text{diag}[50,0,0,0]$